

ABSTRACT

[00033] The invention concerns a door space monitoring device for monitoring a door swing area of a vehicle door.

[00034] The door space monitoring device is provided with a door swing space monitoring sensor means, with a sensor-data evaluating evaluation device, and with a control unit for controlling the sensor means or evaluation device. The sensor means includes a light source for emission of a pivotable light beam, a micro-mirror-unit and a photo-detector for sensing the two dimensional monitored area. Preferably the micro-mirror-unit is provided with at least one micro-mechanical pivotable planar mirror and an additional non-planar mirror. The door space monitoring device is characterized by a very compact and reliable functionality.